



WEEK ENDING SEPTEMBER 20, 2013

# OPP Weekly Activity Report

## Highlights Include:

### Page

- 2 OPP Holds Team Meeting for Registration Review of Ethylene Oxide
- 2 Pyrethrin and PBO Registrant Meeting
- 3 PPDC 21<sup>st</sup> C Toxicology Workgroup, Priority Pesticide List Expert Meeting
- 4 OPP Teleconference with Methyl Bromide Industry Panel
- 4 Environmental Justice and Rulemaking Meeting
- 4 Meeting with Department of Treasury regarding Tolerance and Monitoring for Wine and Alcoholic Beverages
- 5 HED Reviews Interagency Draft of 2013 Report on the Environment
- 6 AD and OMB Discuss Regulating Nanoscale Materials
- 6 Hydrofracking with DuPont
- 6 OCSPB OMB Discussion of CompTox
- 7 Label Review Manual Chapter 18 Updated
- 7 International Food Safety Presentation
- 9 Label Review Manual Updated
- 10 Pesticides and Fish and Wildlife Resources Training
- 10 Meeting with Piperonyl Butoxide Task Force (PBTF II) and Pyrethroid Joint Venture (PJV) Representatives
- 11 Risk Assessment Training Provided to the International Atomic Energy Agency for Latin American government pesticide officials on use of nuclear techniques in pesticide research
- 11 Planning Meeting for NAFTA Joint Reviews for Minor Uses
- 11 OPP Participates in Annual IR-4 Food Use Workshop
- 12 Tolerances Established for Chlorantraniliprole *and* for Uses of Quinoxifen
- 14 Public Participation Comment Period Opens for New Biochemical AI – Prohydrojasmon
- 14 EPA School IPM Team Hones their Skills and Discusses Keys to Sustainability
- 15 BPPD Meets with Biotechnology Industry Association to discuss Plant-incorporated Protectants and corn rootworm resistance, and the use of RNAi technology as a pesticide

## PESTICIDE RE-EVALUATION DIVISION

**Status of Issuing GDCIs.** PRD issued a Generic Data Call-In (GDCI) for one case: folpet during the period of September 16 to September 19. During FY2013, PRD has issued 88 GDCI packages: 84 individual case GDCIs and four supplemental-GDCIs (to accommodate added studies for individual cases) for registration review. (Joseph Nevola, 308-8037; Meredith Scott 308-0049; Shirley Miller 308-0138)

**OPP Holds Team Meeting for Registration Review of Ethylene Oxide.** On September 12, 2013, OPP staff from AD, EFED, HED, and PRD held a meeting to discuss the ethylene oxide problem formulation, scoping document, and preliminary work plan for registration review. The discussion focused on consistency across the sections of the PWP and the project schedule. Ethylene oxide is a gas used primarily as a sterilant for medical equipment and as a fumigant for spices. The registration review docket for this chemical scheduled to open in September 2013. (Seiichi Murasaki, 703-347-0163; Susan Bartow, 603-0065)

**1, 3-Dichloropropene Preliminary Work Plan Signed.** On September 13, 2013, PRD signed and routed the Preliminary Work Plan (PWP) for 1, 3-D (PC Code 029001) for posting on regulations.gov in Docket # EPA-HQ-OPP-2013-0154. It is scheduled to open on September 25, 2013; various supporting documents will also be posted. 1, 3-D, also known by the trade name "Telone", is a non-selective soil fumigant registered for use to control various soil-borne diseases, nematodes, and/or garden symphylans. It is registered for preplant use with a range of agricultural and non-agricultural crops. Also, there is a registered post-plant food use for drip irrigation to established vineyards. 1, 3-D has no residential uses. This Preliminary Work Plan (PWP) document explains what EPA's Office of Pesticide Programs knows about 1, 3-dichloropropene, highlighting anticipated data and assessment needs, identifying the types of information that would be especially useful to the Agency in conducting the review, and providing an anticipated timeline for completing the registration review for 1,3-dichloropropene. (Margaret Hathaway, 205-5076)

**Pyrethrin and PBO Registrant Meeting.** On September 12, 2013, PRD, HED and EFED met with members of the Pyrethrin Joint Venture and Piperonyl Butoxide Task Force II, which are groups composed of technical registrants, to update the Agency on the status of the 2009 post-RED Data Call-ins (DCI), as well as the 2012 (PBO) and 2013 (Pyrethrins) registration review DCIs. The registrants expect to begin submitting residue data for tolerance petitions in early 2014. There is currently a tolerance exemption on Pyrethrins and PBO residues on commodities, but the exception planned to be withdrawn. Registrants are planning to submit extension requests on some data requirements and are awaiting responses from

EPA on protocols and waiver requests. Additionally, the Agency asked the registrants to submit a bridging strategy for assessing the synergism of PBO and other active ingredients (AI) that are either co-formulated or co-applied. PBO is a synergist used in combination with insecticide active ingredients, primarily pyrethrins and pyrethroids. It is registered for use indoors and outdoors in a large number of products. (Jose Gayoso, 703-347-8652; Garland Waleko, 703-308-8049)

**PPDC 21<sup>st</sup> C Toxicology Workgroup, Priority Pesticide List Expert Meeting.** EPA hosted a call on September 13, 2013 that brought together scientists and public health professionals with expertise in medical toxicology, environmental medicine, and public health with the goals of establishing prioritization criteria and making recommendations on which pesticides should be the focus of further biomarker research and development. Discussion of the data sources provided to the group and how to use these sources to apply the criteria for selecting pesticides was the focus of this meeting. The next meeting of this expert workgroup will focus on refining the draft list of priority pesticides for biomarker research based on the criteria and supporting data. The Pesticide Program Dialogue Committee (PPDC) 21<sup>st</sup> Century Toxicology Workgroup proposed this project to EPA following a 2011 workshop entitled “Diagnostic Tools and Biomarkers in Pesticide Medical Management, Exposure Surveillance and Epidemiologic Research”. (Jennifer McLain, AD, 703-308-0293; Garland Waleko, PRD, 703-308-8049)

## HEALTH EFFECTS DIVISION

**FOCUS Meeting with Sulfosulfuron Registrant:** Members of HED, EFED, BEAD and PRD met with the sulfosulfuron registrant for a FOCUS meeting. The registrant requested the meeting to discuss the status of data waiver requests, determine whether additional data are required, discuss adequacy of analytical methods and confirm which degradates need to be evaluated. Use pattern information was also shared and the registrant expressed willingness to compile the details into electronic table format. (Kelly O’Rourke, 308-9548)

**HED Participates in a Conference Call with Fenazaquin Registrants:** On September 19th, HED’s RAB3 risk assessment team joined RD in a conference call with representatives of Gowan to discuss HED’s concerns with the fenazaquin toxicology database. Fenazaquin is an insecticide currently registered for use on ornamental plants and has an import tolerance on pome and citrus fruit. Gowan is proposing new uses of fenazaquin on a variety of agricultural crops which are expected to result in significantly increased exposure. Therefore, HED conducted a detailed review of the entire toxicity database and found the conclusions in some previous DERs to be inconsistent with the current policies, and now some studies are considered unacceptable. The purpose of the meeting was to discuss the uncertainties about study results and the impact of the information/data

gaps. HED agreed to review Gowan's refined dietary assessment as well as forward copies of the HASPOC memos. Chris Olinger, Whang Phang, Vince Chen and Cassi Walls are the RAB3 risk assessment team members for fenazaquin. (Cassi Walls, 308-0078)

**OPP Teleconference with Methyl Bromide Industry Panel:** On Wednesday September 18th, representatives from HED (Jeff Dawson and Matt Lloyd), and PRD met via teleconference with the Methyl Bromide Industry Panel (MBIP) and their hired consultant (Rick Reiss from Exponent) to discuss the MBIP submission of a series of new commodity buffer runs associated with commodity fumigation. The MBIP sponsored a survey of a group of applicator/industry stakeholders that perform the majority of the post-harvest methyl bromide fumigations. MBIP is proposing altering several input parameters from the modeled buffer zones based on the results of the survey. The meeting was to discuss the implications of the new buffer zone model runs, details of the scope of the survey, and the revised input parameters. MBIP is going to revise the submission to address these issues within the week. (Matt Lloyd, 308-0130)

**Environmental Justice and Rulemaking Meeting:** On September 16th, representatives from HED (Ronnie J. Bever Jr., Jeff Dawson, Felecia Fort, Michael Metzger, and Sheila Piper) and BEAD participated in an environmental justice (EJ) and rulemaking meeting. The purpose of this meeting was for OPP to conduct a brainstorming session of research needs and research gaps related to conducting EJ assessment for rules. Several ideas were suggested including: clearly and consistently defining the population groups of concern; measures to be taken to ensure the quality of data supporting EJ assessments; and the development of models for data analysis. Participants categorized ideas for consideration in the short- and long-term. (Ronnie J. Bever Jr., 347-0396)

**Meeting with SePRO to Discuss Flurprimidol Risks:** Representatives from HED (RAB2), EFED, PRD, and RD met with SePRO to discuss refinement of the risk assessment for flurprimidol, a plant growth regulator. SePRO proposed to conduct additional studies that could be used to refine risks identified by EFED in a risk assessment associated with recently proposed new uses. The studies to be submitted include a reproductive toxicity study and a dislodgeable foliar residue study. The new data would not be submitted until after the currently scheduled registration review decision, and therefore SePRO requested a delay in the timing of the decision. EFED and HED agreed the studies would be considered in future risk assessments, but deferred to PRD with respect to the timeline/schedule. (Jaime D'Agostino, 347-0403; Zaida Figueroa, 308-0015)

**HED Meets with Department of Treasury regarding Tolerance and Monitoring for Wine and Alcoholic Beverages:** Jack Housenger and David Miller had a teleconference with the Mimi Torelli from the U.S. Department of the Treasury's

Alcohol and Tobacco Tax and Trade Bureau (TTB) (see <http://www.ttb.gov/>). TTB is responsible for testing wine and other alcohol beverages for pesticides and contaminants and is interested in finding more about the work OPP does in the tolerance-setting and monitoring realms. We indicated that we would send them additional background information as well as a list of some potential topics in which TTB may have an interest. We also sent them material on PDP as well as PDP analytical results on grapes and grape juice. Current plans are to continue the conversation with a conference call/webinar sometime in October and then perhaps a more focused face-to-face meeting or two as follow-up in which we could get into more details. (David Miller, 305-5352)

**HED Reviews Interagency Draft of 2013 Report on the Environment:** EPA/NCEA has initiated interagency review of the EPA's draft 2013 Report on the Environment (RoE) and requested comments from EPA Program Offices by September 16th. HED has previously provided review comments to RoE on three sections of the report that focus on (i) pesticide residues on food, (ii) pesticide urinary concentrations, and (iii) pesticide exposure incidents. In its review of the updated, interagency draft RoE, HED recommended that changes be made to the "Pesticide Residues on Food" section. In particular, HED recommended that the section needs to more clearly describe the caveats and limitations that should be considered when interpreting the temporal trends when pesticide residue data summarized by USDA's Pesticide Data Program. (Aaron Niman, 347-8627)

**HED Updates SOP to Translate Field Trial Data from Representative Commodities to Other Commodities:** CEB Staff finished updating HED Standard Operating Procedure SOP 2000.1 - "Guidance for Translation of Field Trial Data from Representative Commodities in the Crop Group Regulation to Other Commodities in Each Crop Group/Subgroup" during August 2013. Since 2000, there have been nine Crop Groups amended in the Federal Register (40 CFR §180.41) without any updated guidance for using these groups in SOP 2000.1. The 2013 version contains all the amended crop groups. Members of the Dietary Exposure Science Advisory Council reviewed the draft 2013 SOP and the final version will be made available to all HED. (Bernard Schneider, 305-5555, Yuen-Shaung Ng & Vera Au)

**OPP Review of Draft MMWR Publication:** CDC/NIOSH provided a courtesy copy of a draft report on acute incidents from exposure to DDVP pest strips which will be published in the CDC's Morbidity and Mortality Weekly Report (MMWR). OPP staff is reviewing the article for accuracy. In sum, the report concludes, "Although few cases were identified and the vast majority involved mild health effects of short duration, excess exposure to DDVP strips can be reduced by educating the public about the proper usage of DDVP strips and improving label language." From 2000-2013, a total of 31 cases of DDV strip-related illnesses were identified in the US and Canada. (Elizabeth Evans, 305-7891)



## ANTIMICROBIALS DIVISION

**AD and OMB Discuss Regulating Nanoscale Materials:** On September 17, OCSPP met with OMB representatives to discuss how we are regulating nanoscale materials in pesticides. After a presentation by OPPT staff, Jed Costanza (AD/RMB1) provided an overview of the current and pending registrations for nanosilver containing pesticides and the AD plans to determine which of the already registered silver based pesticides contain nanosilver. Bill Jordan (OPP) provided detailed responses to OMB questions on how OPP conducts registration review, handles the lack of responses to DCI notifications, and if EPA will have to follow-up on unregistered pesticides identified in a petition filed in 2008. OMB noted that one registrant who admitted their product contained nanosilver obtained their registration in 1954 before the term nanosilver was invented. AD clarified that this product, which is used in swimming pools, was registered as containing colloidal silver and has since been shown to contain silver particles with diameters of less than 100 nm. (Jed Costanza, 703-347-0204)

**American Chemical Society (ACS) National Meeting: Division of Agrochemicals.**

On September 9, 2013, Jennifer McLain presented at two ACS symposiums. The session "21<sup>st</sup> Century Vision for Testing and Risk Assessment: Implication for Agrochemicals", included a discussion of the "US EPA Office of Pesticide Program's 21<sup>st</sup> century vision and strategy for communication". For the session "Pesticide Regulatory Science in the 21<sup>st</sup> Century Merging Research and Regulations", AD and HED developed a presentation on "US EPA Office of Pesticide Program's guidance for considering and using open literature toxicity studies to support human health risk assessment". (Jennifer McLain 703-308-0293)

**Hydrofracking with DuPont.** On September 11, 2013, ORD/OSP and AD met with representatives from DuPont to hear their perspectives and discuss their questions on the use of chlorine dioxide in hydrofracking operations. This antimicrobial use is currently registered for chlorine dioxide. DuPont had questions about OPP's environmental risk assessment for antimicrobials used in hydrofracking and about the registration review schedule. DuPont asked ORD to describe the EPA Study of the Potential Impacts of Hydraulic Fracturing on Drinking Water Resources. (Jennifer McLain 703-308-0293)

**OCSPP OMB Discussion of CompTox:** On September 18, OCSPP met with OMB representatives to discuss how we are using and anticipating using computational toxicology in regulating chemicals. David Dix (OSCP), Jeff Morris (OPPT), and Jennifer McLain (OPP/AD) provided an overview of the current use and future vision for using computational toxicology and other integrated approaches to testing and assessment (IATA) tools. OPP highlighted the need for international collaboration, stakeholder involvement, and establishing a strong science

foundation through peer review. OMB's questions focused on whether high-throughput assays can replace animal testing yet and when EPA will begin integrating the results from ToxCast into assessments. (Jennifer McLain 703-308-0293)

**AD Meets with ACC and CSPA:** On September 17, several members of Antimicrobials Division's staff participated in two separate panel meetings with the Consumer Specialty Products Association (CSPA) and the American Chemistry Council (ACC) Biocides Panel. Topics discussed during the CSPA meeting included: AD staff updates, updates on the Agency's Antimicrobial Testing Program, the revised use dilution method product performance standard, updates on our policy regarding fogging and misting products, and a discussion on lower certified limits with regards to efficacy testing. Topics discussed during the ACC Biocides Panel meeting included: AD staff updates, how changing inert ingredients can affect a product's registration, the revised use dilution method performance standard, and the OECD Task Force on Biocides activities. (Susan Lewis, 308-8009; Jennifer McLain, 308-0823; John Hebert, 308-6249; Karen Hicks, 308-8417).

## FIELD & EXTERNAL AFFAIRS DIVISION

**Label Review Manual Chapter 18 Updated.** Last week, FEAD worked with the ITRMD Web Team to post a newly edited version of Chapter 18 of the online Label Review Manual. This chapter, entitled "Unique Product Labeling," covers such specialized topics as water-soluble packaging, multi-packs and co-packs, NAFTA labeling and seed treatment labeling. The LRM edits are based on over 730 comments collected and reviewed over a 2-year period by the LRM Comment Review Team. Comments were solicited from the states and from all interested parties through the Enable the Label discussion forum. The updates are editorial in nature, meant to improve the clarity and usefulness of the manual for its users. No new policies are established. In some cases, obsolete references or inaccurate information has been removed and replaced by updated guidance based on more recent information, rules or other policy documents. Only Chapters 10, 11 and 12 remain to be edited in order to complete this phase of the LRM updating project. Chapter 10 will likely be completed within the next week. (Jim Roelofs, 308-2964)

**International Food Safety Presentation.** On Wednesday, September 18, Kristen Hendricks presented an overview of OPP's pesticide registration system and food safety to the State-Department sponsored International Visitor Leadership Project on Agriculture, Trade, and Food Safety. Participants in the seminar, hosted by FHI360.org in Washington, DC, came from over 20 countries around the world. The purpose of Kristen's presentation was to describe of the role of EPA in protecting

food safety and how we cooperate with other U.S. government agencies (e.g., USDA and FDA) to ensure food safety in international trade. Many questions were asked regarding exports of pesticides, imports of food commodities, and import tolerances. (Kristen Hendricks, 308-0308)

## BIOLOGICAL & ECONOMIC ANALYSIS DIVISION

**BEAD Scientists Attend OSWER'S Annual Honor Awards 2012 Ceremony.** The Office of Solid Waste and Emergency Response (OSWER) awarded the Anthracis Environmental Lab Team with the "EPA Science Achievement Award" as part of the "EPA National Honor Awards, 2012". The team is comprised of two BEAD scientists (Jafrul Hasan and Jason Duncan from MLB/BEAD) along with other members from the Office of Research and Development, Office of Emergency Management, Office of Enforcement and Compliance Assurance, and EPA Regions 8 and 10. The award was given for outstanding achievement in cementing a partnership to bridge a critical gap in laboratory capacity with the development of a novel laboratory method for the expedited assessment of the viability of *Bacillus anthracis* from environmental samples in an effort to support the Agency's responsibility in responding to bioterrorism events. BEAD scientists attended the Award Ceremony in the EPA East building on September 18, 2013. The OSWER's Assistant Administrator Mathy Stanislaus presented the awards to all recipients in a festive ceremony. (Jafrul Hasan, 410-305-2657; Jason Duncan, 410-305-2619).

**Environmental Chemistry Branch Provides Technical Support to EPA Enforcement Coordinator.** Gerardo Acosta, Pesticide Enforcement Coordinator for EPA Region 6 requested the assistance of the Environmental Chemistry Branch in the review of the final analytical report from the Region 6 Laboratory for the presence of pyrethroids in a number of cedar oil products from CedarCide, Inc. Although the Region 6 results were accurate, Mr. Acosta had additional questions about how to interpret the report and what the results mean relative to the questions that he needed to answer as an enforcement coordinator. Environmental Chemistry Branch (ECB) chemists examined the Region 6 laboratory results and the associated data qualifiers. ECB also reviewed the active and inert ingredient listings on the labels of various CedarCide, Inc. products to deduce the possible use of cyclotetrasiloxane in the products (Appendix B). This work is a part of BEAD's work to support OECA's enforcement work related to pesticide use. (Christian Byrne, 228-688-3213; Tripp Boone, 228-688-2242)

**BEAD attends nation Academy of Science Public Meeting on the EPA laboratory Enterprise.** BEAD attended the public session of the first meeting of the newly formed NAS "Committee on Strengthening the USEPA laboratory Enterprise" held on 9-17-13. Deputy Administrator Perciasepe and Senior Science Advisor Paulin made presentations to the Committee on the historic and current state of the





Agency's laboratories, their role in EPA decision making and ongoing efforts to be efficient while maintaining a strong scientific foundation within the Agency. The Agency will be providing information in the coming months to support the work of the Committee. (Mark Hartman 703-308-0734)

## INFORMATION TECHNOLOGY & RESOURCES MANAGEMENT DIVISION

**PRD@Work Website Revised.** The ITRMD Web Team worked with PRD to revise the PRD@Work website on the OPP Intranet. The information is better organized with major categories created to assist users find PRD-specific information more efficiently. For more information, please visit <http://intranet.epa.gov/pesticides/divisionswork/srrd/index.htm> (Mario Steadman, 703-305-8338)

**New Question Added to Category 25, Import/Export–** The ITRMD Web Team worked with BPPD to update the Label Consistency Questions Website. A new question and answer was added to the Distributor Product Labeling questions. These answers are not intended to create significant new guidance or require any changes to previously accepted labeling. The Agency will contact registrants directly about how to correct problematic labels as appropriate. For more information, please visit [http://www.epa.gov/pesticides/regulating/labels/labels\\_faq/lr\\_faq\\_25.html](http://www.epa.gov/pesticides/regulating/labels/labels_faq/lr_faq_25.html) (Carol Cotton, 703-305-5082)

**Label Review Manual Updated.** The OPP ITRMD Web Team worked with FEAD to post the revised and updated Chapter 18 of the Label Review Manual (LRM). This chapter, Unique Product Labeling, covers unique pesticide labeling challenges including: foreign, child resistant and multi-package formats. For more information on this chapter and the labeling process, please visit the Label Review Manual - Table of Contents page at <http://www.epa.gov/oppfead1/labeling/lrm/>. (Miriam Organic, 703-605-0583)

 <b>OPP FOIA Request Status Report – Sept 9- 13, 2013</b> 							
<b>Requests Received</b>		<b>Requests Closed</b>			<b>Requests Open</b>		
<b>FY13</b>	<b>This Week</b>	<b>FY13</b>	<b>FYTD</b>	<b>This Week</b>	<b>FY13</b>	<b>Prior Years</b>	<b>Total</b>
516	12	301	393	7	215	118	333

(Ana Espinoza, 703-347-0102)

## ENVIRONMENTAL FATE & EFFECTS DIVISION

**LUIS Site Code/Crop Group Crosswalk.** In order to improve the consistency of OPP's usage reports across divisions, the Use/Usage Coordination Group and members of the Health Effects Division (HED) have developed a crosswalk of the LUIS site vocabulary and crop groups and subgroups. The crosswalk can be used to determine which LUIS use sites link to which crop groups. The crosswalk will be used as a resource in the Biological and Economic Analysis Division (BEAD) and may be used as a tool in updating use site vocabularies in support of an e-label system. (Katrina White, 703-308-4536; Bernie Schneider, 703-305-5555; Matthew Crowley, 703-305-7606; Yuen-Shuang Ng, 703-308-8120; and Vera Au, 703-308-9069).

**Pesticides and Fish and Wildlife Resources Training.** From September 9-13, members of OPP's PRD, RD, and EFED attended the Pesticides and Fish and Wildlife Resources Training Course held at the National Conservation Training Center in Shepherdstown, WV. The course focused on how the Fish and Wildlife Services and the National Marine Fisheries Services evaluate the legal and biological implications of fish and wildlife exposure to pesticides. Classwork included reviewing the fate, transport, and effects of pesticides on the environment; discussing the various Federal laws, FWS policies, and other authorities related to pesticide use; assessing risks of pesticides to non-target organisms, including threatened and endangered species and other trust resources; conducting terrestrial and aquatic field investigations; and describing the principles of integrated pest management. The class also allowed OPP representatives to share their perspectives on these topics, particularly with regards to endangered species concerns, and to interact with our counterparts in other agencies. (Chuck Peck, 703-347-8064; Melissa Panger, 703-305-6136; Catherine Eiden, 703-305-7887; Dominic Schuler, 703-347-0260).

**Meeting with Piperonyl Butoxide Task Force (PBTF II) and Pyrethroid Joint Venture (PJV) Representatives.** On September 12, EFED, HED, and PRD staff met with registrant representatives from the PBTF II and PJV to review their progress and to discuss technical aspects of studies being conducted for Registration Review. The discussions focused primarily on the special synergism studies for the insecticide synergist, PBO (piperonyl butoxide), and pyrethrin (Py), an insecticide with which it is co-applied. The group also discussed other data needs, including fate and ecotoxicity studies with PBO as well as synergism studies with PBO and other co-applied insecticides. This meeting was the third follow-up meeting to discuss the special synergism study with PBO+Py. A draft study was originally presented to EPA in January 2011, reviewed in July 2011, and progress was discussed at follow-up meetings on August 16, 2012 and February 6, 2013. The first study, which assesses the acute toxicity enhancement from the synergist to *Hyalella*, has been

submitted to EPA and is in review. Results of the *Hyalella* study will help EFED determine next steps for assessing synergism to other taxa such as fish and other groups of insecticides. As a follow-up to this meeting, the registrants plan to submit a bridging strategy for assessing the range of synergism enhancement factors. To check for adherence to the range of insecticides that may behave differently, EFED is presently requesting typical end use product toxicity data for each insecticide co-applied with PBO by specifying that the studies be conducted with a product that contains PBO plus the insecticide (Donna Judkins, 703-347-0113; R. David Jones , 703-305-6725; Keith Sappington, 703-605-0581).

**EFED Trains IAEA Students.** Last week, EFED was asked by the International Atomic Energy Agency (IAEA) to assist in providing risk assessment training to Latin American government pesticide officials as part of a four-week training session on use of nuclear techniques in pesticide research. IAEA provides certification to all laboratories that use nuclear materials in their studies. The students expressed an interest in learning about OPP's processes for ecological and human health risk assessments, pesticide risk to bees, and the use of computer modeling for pesticide aquatic and terrestrial exposure assessments. They were also interested in how OPP's risk assessment of bio-pesticides is different from assessment of traditional chemical pesticides. The students were trained partially via a webinar connection to their training facilities at the University of Costa Rica in San Jose. (Ron Parker, 703-305-5505)

## REGISTRATION DIVISION

**Planning Meeting for NAFTA Joint Reviews for Minor Uses** On September 16, 2013, prior to the start of the annual Interregional Research Project Number 4 (IR-4) Food Use Workshop, Barbara Madden and Laura Nollen of the Minor Use Team/Registration Division met with representatives of Canada's Pesticide Management Regulatory Agency (PMRA) and Agriculture and Agri-Food Canada (AAFC) as well as members of IR-4 to discuss the ongoing NAFTA Joint Review/Workshare Projects for Minor Uses and to identify projects for the 2013-2014 review schedule. In 2013, EPA and PMRA completed work on **4** actives/**14** crops as joint review projects. Currently, there are **6** joint review projects pending for fomesafen, methoxyfenozide, flonicamid, mandipropamid, fenamidone, and chlorantraniliprole. Up to **14** projects were identified for submission during 2013-2014 at the meeting. (Barbara Madden, 703/305-6463)

**OPP Participates in Annual IR-4 Food Use Workshop** On September 17-18, 2013, Pete Caulkins of the Immediate Office and members of the Minor Use Team/Registration (Laura Nollen and Barbara Madden) participated in the annual Interregional Research Project Number 4 (IR-4) Food Use Workshop held in Albuquerque, New Mexico. IR-4 develops residue field trial data for projects

based on requests from growers, grower groups, and State/Federal Research and Extension Agents. Each year IR-4 receives considerably more requests for projects than there are resources to conduct field trial studies. Therefore, stakeholders (growers, grower groups, and State/Federal Research and Extension Agents) meet annually to discuss the potential researchable projects and prioritize what projects will be worked on in the next growing season. During the 2013 workshop Pete Caulkins made a presentation on the updated criteria for the public interest finding that must be made in order for registration actions to be exempt from PRIA fees associated with IR-4 petitions. Barbara Madden then made a presentation and provided updates regarding changes under PRIA III, the labeling changes for pollinators, issues regarding antibiotics, Phase IV of the crop group project, and minor use joint reviews with Canada. Representatives from most chemical companies were also present and provided the audience an update on the pesticide chemicals under consideration at the workshop and new chemistries in the development stages. The meeting was well attended and there were some lively discussions regarding the needs of growers for efficacious tools. (Barbara Madden, 703/305-6463)

**Tolerances Established for Chlorantraniliprole** On September 18, 2013, the *Federal Register*, published the final rule establishing permanent tolerances for residues of chlorantraniliprole on citrus fruit, group 10-10; pome fruit, group 11-10; cereal grain, except rice and corn, group 15; cereal grain, forage, fodder and straw, group 16; milk; and cattle, goat, hog, horse, sheep and poultry commodities. The Interregional Research Project No. 4 (IR-4), in collaboration with the registrant, DuPont Company, petitioned the Agency for tolerances and a Section 3 registration of these uses of chlorantraniliprole. Concurrently, this action revokes existing tolerances of crops covered by crop group tolerances being established. Chlorantraniliprole is an anthranilic diamide insecticide that belongs to a class of compounds that acts on the ryanodine receptor. It controls many insect pests primarily by interrupting the normal muscle contraction pathways which leads to paralysis and eventual death. Permanent tolerances have previously been established in 40 CFR §180.628 for chlorantraniliprole in/on a variety of commodities. It is also registered for residential uses on turf, landscape ornamentals, and interiorscapes as well as use on golf courses and sod farms. End- use product formulations are applied via drip irrigation, ground handheld, and aerial application methods. (Sidney Jackson, 703/305-7610)

**Tolerances Established for Uses of Quinoxifen** On September 18, 2013, the *Federal Register* published the final rule establishing permanent tolerances for residues of quinoxifen on low growing berry, subgroup 13-07G; fruiting vegetable, group 8-10; and small vine climbing fruit, except fuzzy kiwifruit, subgroup 13 – 07F. It was previously registered on use sites including cherries, grapes, hops, lettuce, melons, strawberries, peppers, stone fruits, winter squash, gourds, pumpkins and artichoke. Quinoxifen is a member of the quinolines family of fungicides used to

control powdery mildew thru foliar application by ground and aerial methods. Quinoxifen has a unique pesticidal mode of action not fully understood, but is believed to inhibit mildew infection through disruption of early cell signaling events in the fungus that control the morphological changes that lead to infection. IR-4, in cooperation with the registrant, Dow AgroSciences, Inc., petitioned the Agency for approval of these new uses. (Sidney Jackson, 703/305-7610)

Registration Actions Granted Under FIFRA Section 18 Emergency Exemptions					
State/Federal Agency	Chemical Emergency Exemption Number	Product Name EPA Reg/ File Symbol	Crop/Site	Pest	Authorization Date
<b>Specific Exemption(s):</b>					
Pennsylvania	Etofenprox 13-PA-08	Phor Ex (RF2129 EC/abn) 2724-804	Mushroom Houses	Sciarid and Phorid Flies	9-06-2013
Andrea Conrath, 703/308-9356					

Registration Actions Completed Under the Pesticide Registration Improvement Act (PRIA)					
Chemical	Company	Registration Number	Action Code*	Due Date	Response Date
<b>The Fungicide Branch granted:</b>					
Metalaxyl	Prime Source, LLC	89442-16	R300	10/7/2013	9/16/2013
Tamue Gibson, 703/305-9096					
Fludioxonil	Albaugh Inc.	42750-255	R300	10/7/2013	9/19/2013
Erin Malone, 703/347-0253					
Carboxin	Chemtura Corporation	400-596	R310	10/8/2013	9/19/2013
Dominic Schuler, 703/347-0260					
<b>The Herbicide Branch granted:</b>					
S-Metolachlor	Syngenta Crop Protection, LLC	100-1268	R350	9/20/2013	9/18/2013
Kathryn Montague, 703/305-1243					
Halosulfuron-methyl	Canyon Group LLC	81880-2 81880-15 81880-18	R170	10/16/2013	9/19/2013
Napropamide	United Phosphorus, Inc.	70506-301	R310	10/7/2013	9/19/2013
Maggie Rudick, 703/347-0254					
2,4-D, 2-ethylhexyl ester	Drexel Chemical Company	19713-655	R301	9/30/2013	9/13/2013
Michael Walsh, 703/308-2972					

<b>The Insecticide Branch granted:</b>					
Piperonyl butoxide	Envincio LLC	87276-34	R300	11/22/2013	9/16/2013
Linda DeLuise, 703/305-5428					
Permethrin	Merial Limited	65331-8	R340	9/23/2013	9/19/2013
Richard Gebken, 703/305-6701					
Fipronil	Gharda Generics, Inc.	84836-17	R310	9/20/2013	9/18/2013
Carmen Rodia, 703/306-0327					



The Insecticide-Rodenticide Branch granted:					
Acephate	Axion AG Products, LLC	89167-35	R300	1/17/2014	9/16/2013
Imidacloprid	Olympus Seed Treatment	88801-1	R310	9/26/2013	9/18/2013
Gene Benbow, 703/347-0235					
Abamectin	Cheminova A/S	4787-51	R340	10/7/2013	9/18/2013
Jessica Rogala, 703/347-0263					
<b>R170</b> – Additional food use; <b>R300</b> – New product; identical or substantially similar in composition and use to a registered product; no data review or only product chemistry data; cite-all data citation or selective data citation where applicant owns all required data or submits specific authorization letter from data owner; category also includes 100% repackage of registered end-use or manufacturing-use product that requires no data submission or data matrix; <b>R301</b> – New product identical or substantially similar in composition and use to a registered product; registered source of active ingredient; selective data citation only for data on product chemistry and/or acute toxicity and/or public health pest efficacy, where applicant does not own all required data and does not have a specific authorization letter from data owner; <b>R310</b> – New end-use or manufacturing use product; requires review of data package within RD; includes reviews and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy; <b>R340</b> – Amendment requiring data review within RD (e.g., changes to precautionary label statements, or source changes to an unregistered source of active ingredient). Selective data citation. (2) (3); and <b>R350</b> – Amendment requiring data review in science divisions (e.g., changes to REI, or PPE, or PHI, or use rate, or number of applications; or add aerial application; or modify GW/SW advisory statement) (2).					

## BIOPESTICIDES & POLLUTION PREVENTION DIVISION

### **Public Participation Comment Period Opens for New Biochemical AI.** On

September 19, BPPD opened a 15-day public comment period for Prohydrojasmon (PDJ), a new biochemical pesticide active ingredient intended for use as a plant growth regulator on apples and grapes. PDJ is applied to the ripening crop in the field to enhance color. PDJ is synthetically produced but is structurally and functionally identical to jasmonic acid, a compound present in all vascular (higher) plants. Documents supporting this action are available for comment in docket EPA-HQ-OPP-2012-0831 until October 3, 2013. (Gina Burnett, 605-0613; Leonard Cole, 305-5412)

### **EPA School IPM Team Hones their Skills and Discusses Keys to Sustainability.** On

September 10 - 12, the EPA School IPM Team from Headquarters, the Center of Expertise, and eight Regions met at The University of Florida's Pest Management University for a seminar entitled *Enhancing Partnerships for Sustainable School IPM Programs* that focused on school IPM implementation. Other participants included the representatives of the Association of Structural Pest Control Regulatory Officials (ASPCRO), University of Florida Extension, local school IPM coordinators, pest management professionals, and several state lead agencies. The two-day training included hands-on exercises that challenged participants to devise IPM solutions to several pests scenarios involving fire ants, bed bugs, cockroaches, rodents and termites. Other topics included advance concepts in IPM and pest biology, pesticide label navigation, and ASPCRO's school IPM survey results. Invigorating dialogue throughout the meeting emphasized the shared desire and approaches needed to make school IPM sustainable. Each

segment of participating organizations identified their unique role and actions that could be taken in support of this goal. (Frank Ellis, 308-8108; Thomas Cook, 214-665-9731; Sherry Glick, 214-665-6713)

**BPPD Meets with Biotechnology Industry Association.** On September 19, BPPD met with representatives of the Biotechnology Industry Association (BIO) at BIO Headquarters in Washington D.C. Agenda items included upcoming meetings of the FIFRA Scientific Advisory Panel (SAP) on Plant-incorporated Protectants and corn rootworm resistance, and the use of RNAi technology as a pesticide. Participants also discussed several evolving registration issues and the need for guidance on PIPs, particularly on data submitted in support of registrations. This meeting offered participants the opportunity to exchange views on registrant concerns. (Elizabeth Milewski, 347-0400)

**OPP Meets with Biopesticide Industry Alliance.** On September 19, leadership from BPPD and OPP met with key leadership from the Biopesticides Industry Alliance (BPIA). The goal of the meeting was for BPIA to meet BPPD's new management, and to provide an overview of the group's interests and issues. (Bob McNally, 308-8085)